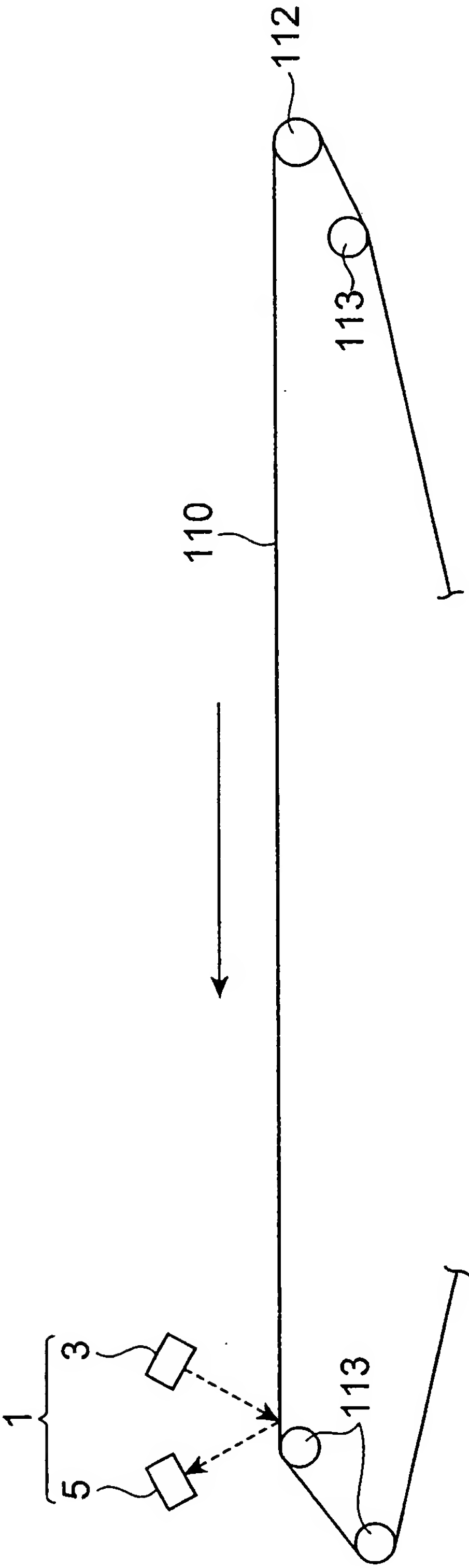
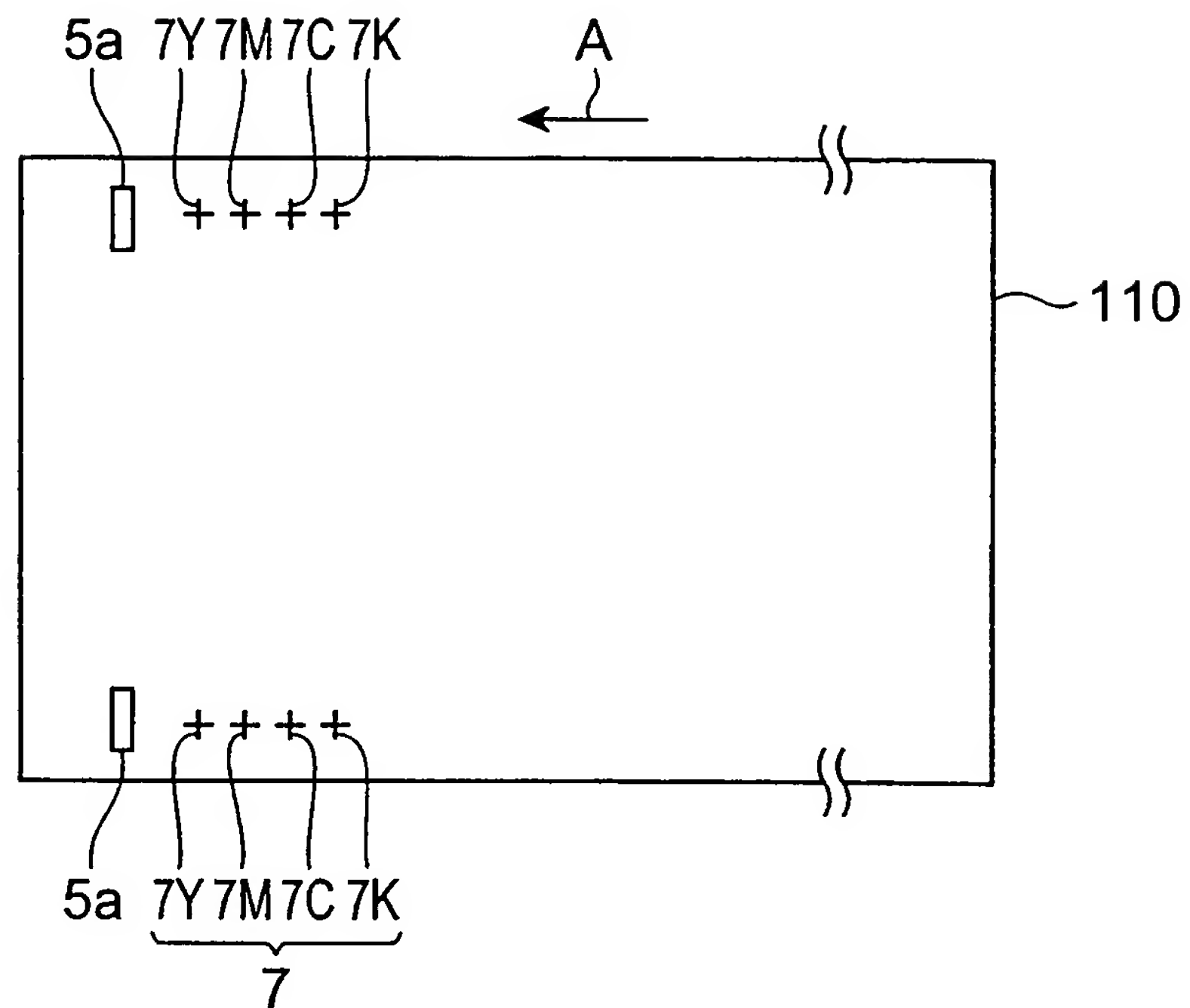


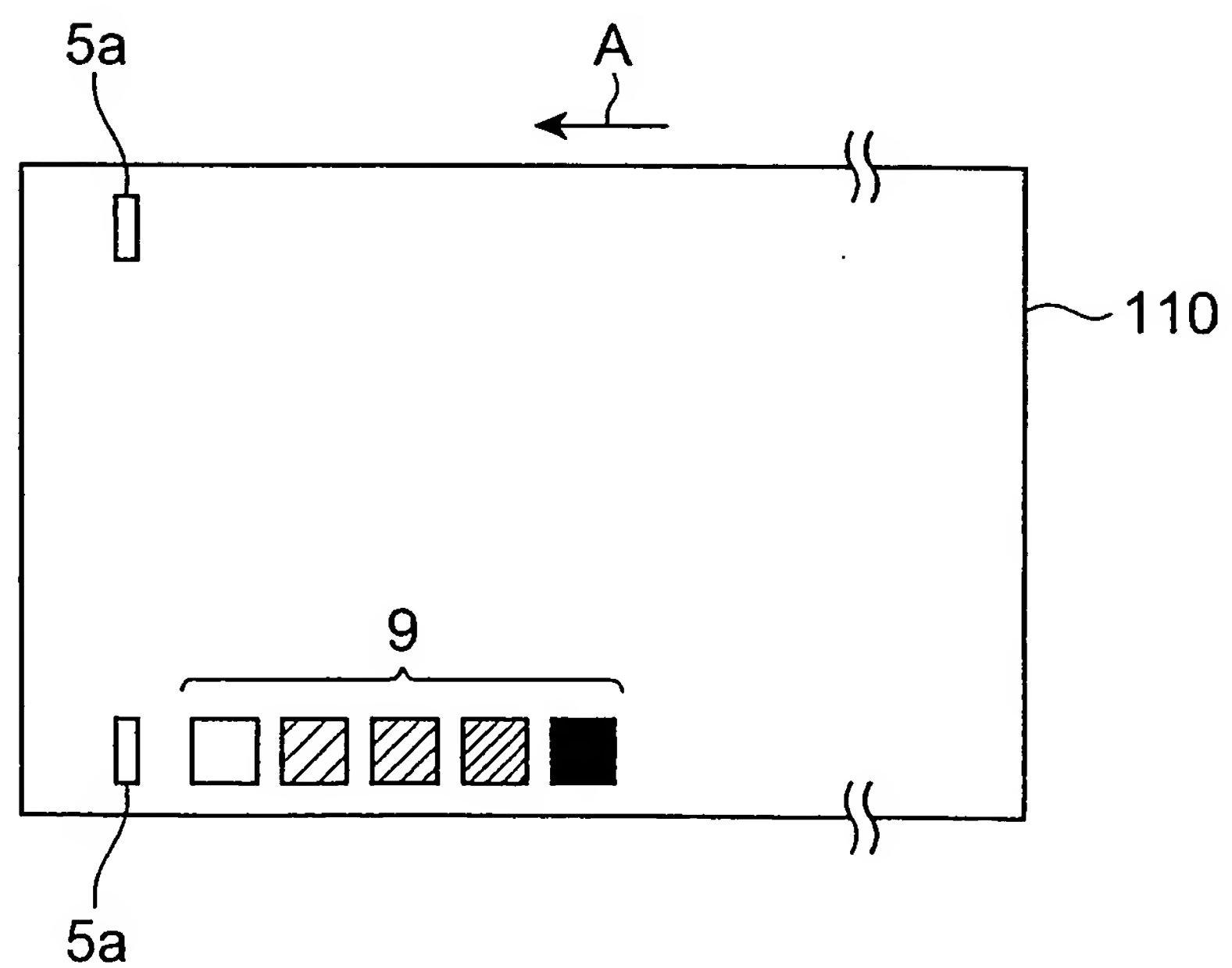
Fig.2



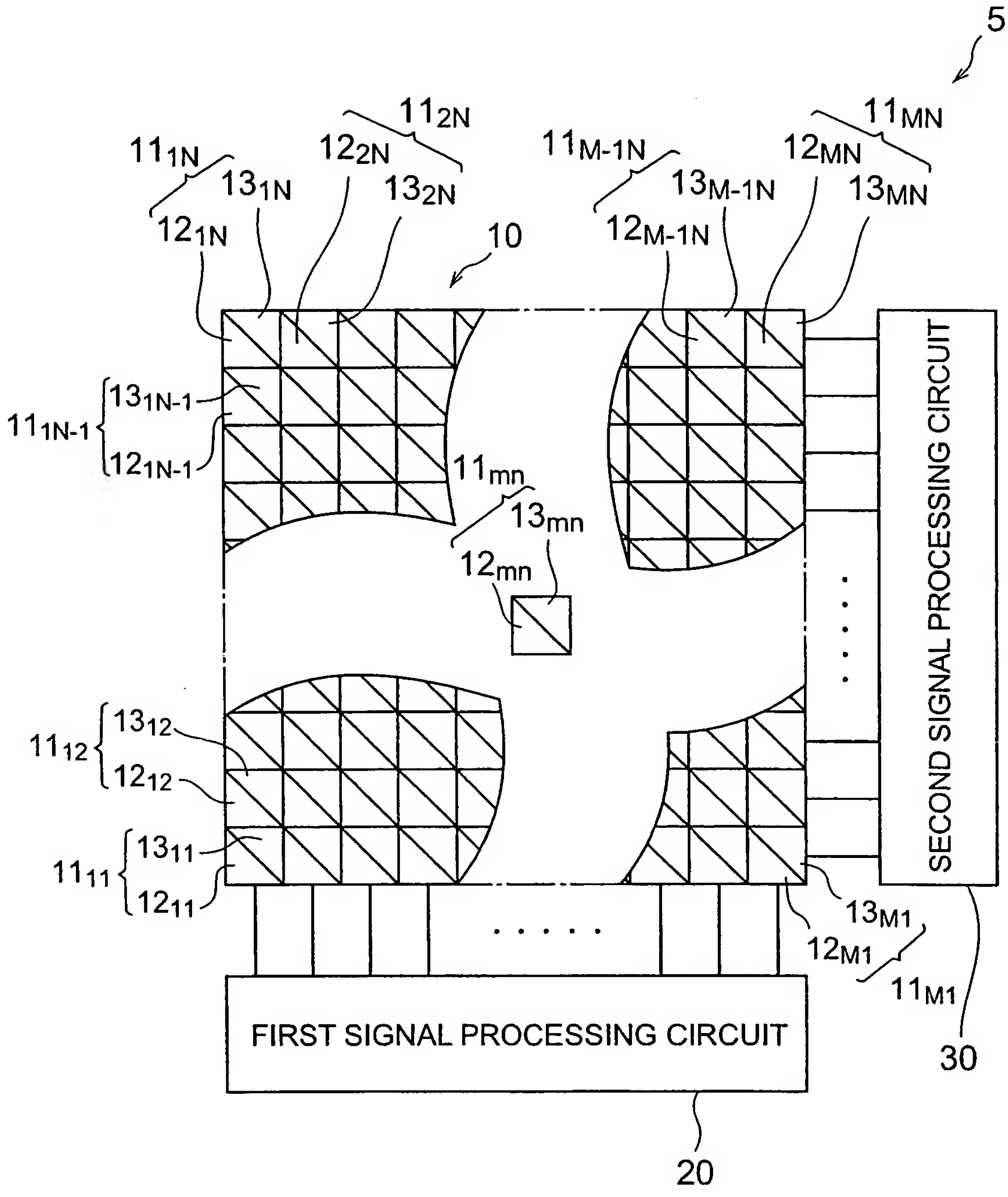
**Fig.3**



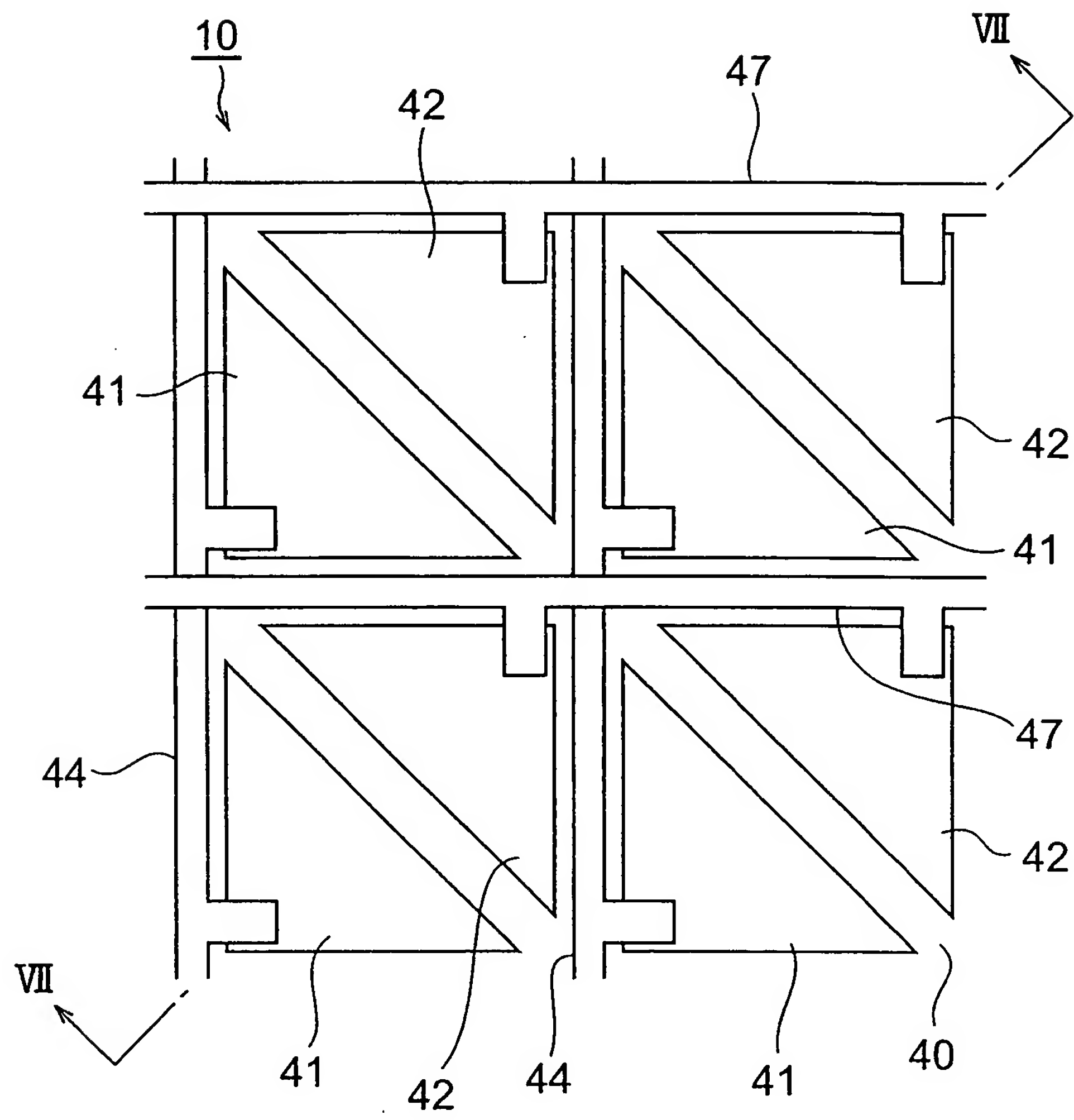
**Fig.4**



**Fig.5**

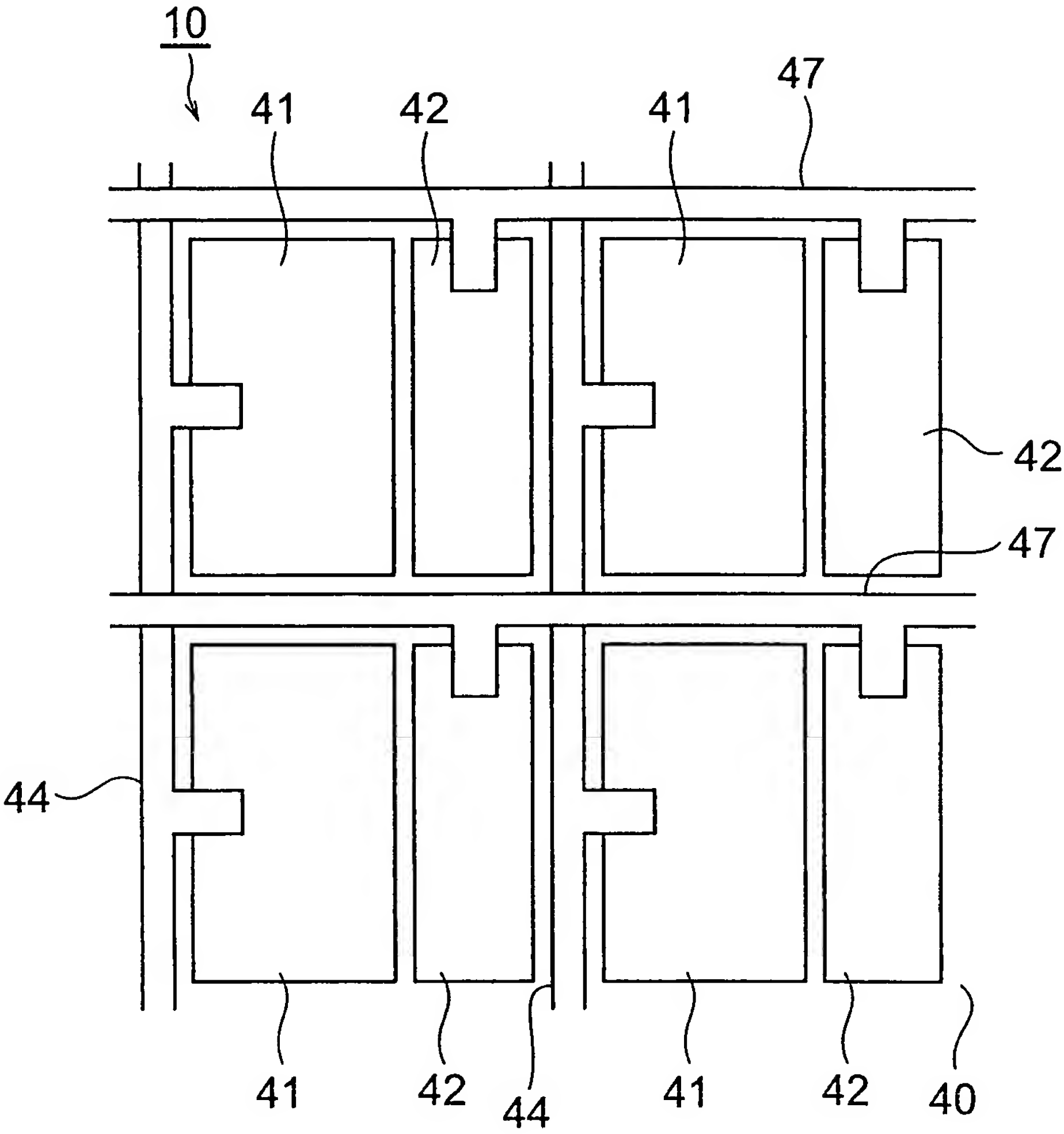


**Fig.6**

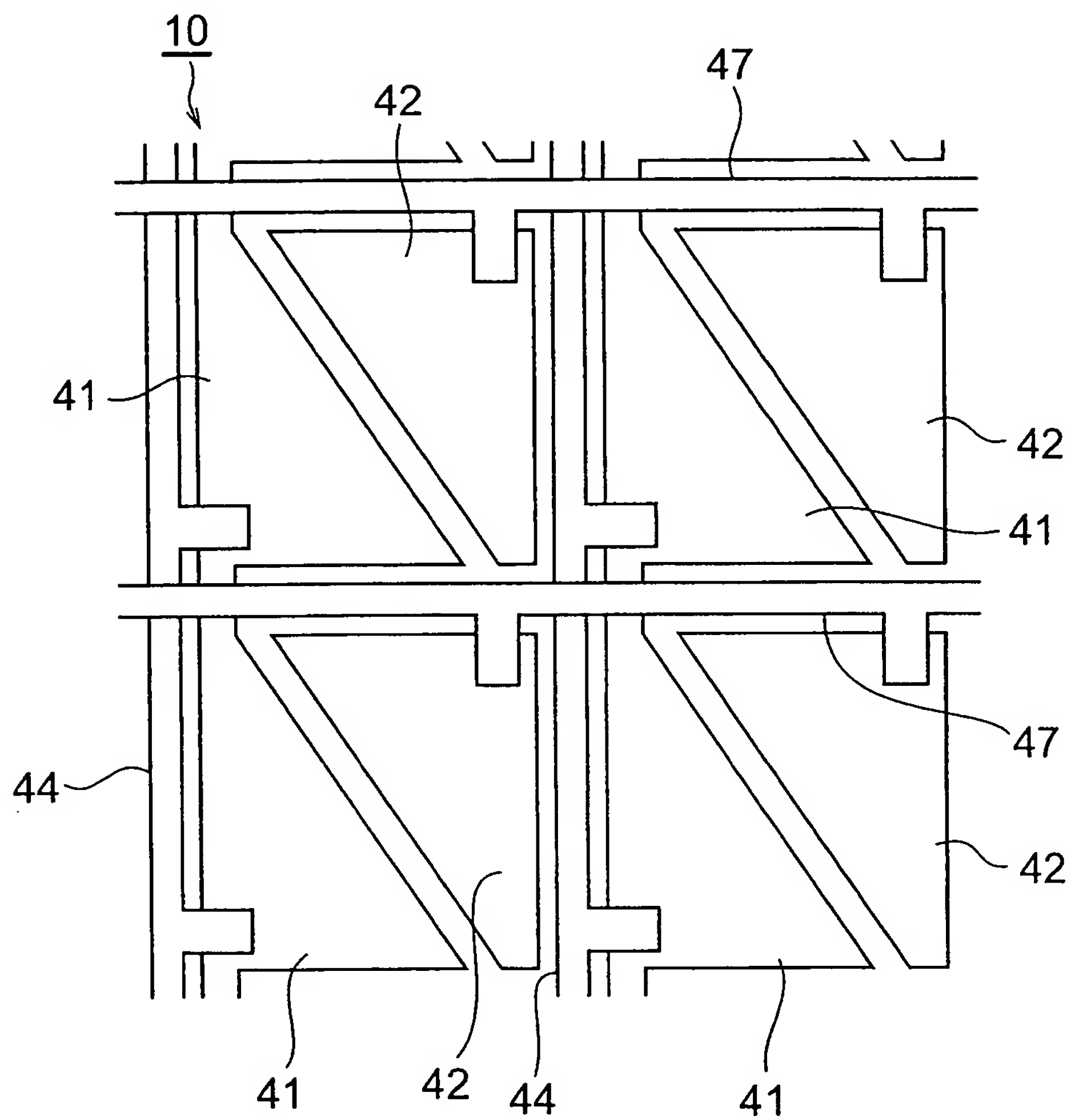




**Fig.8**

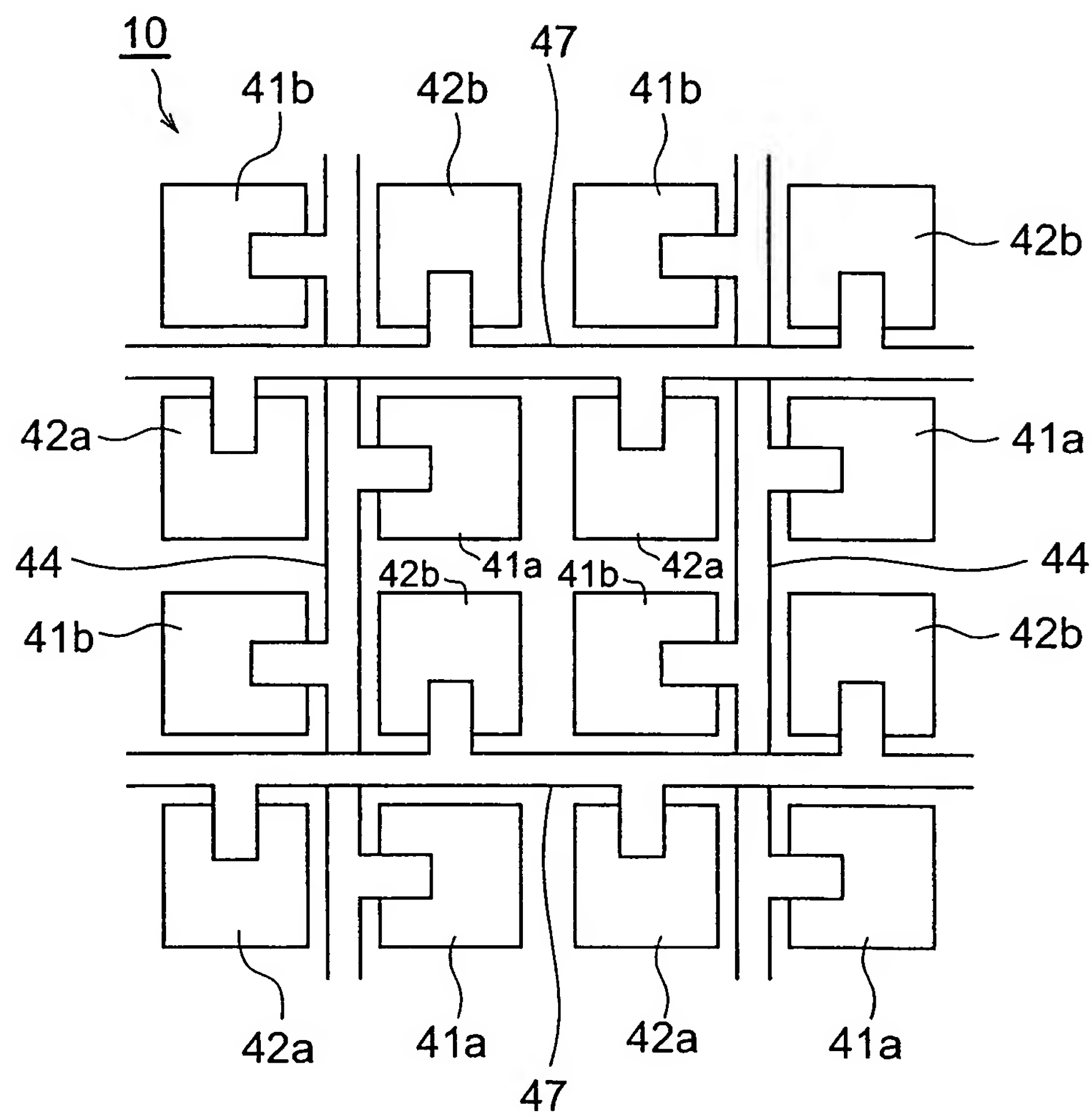


**Fig.9**



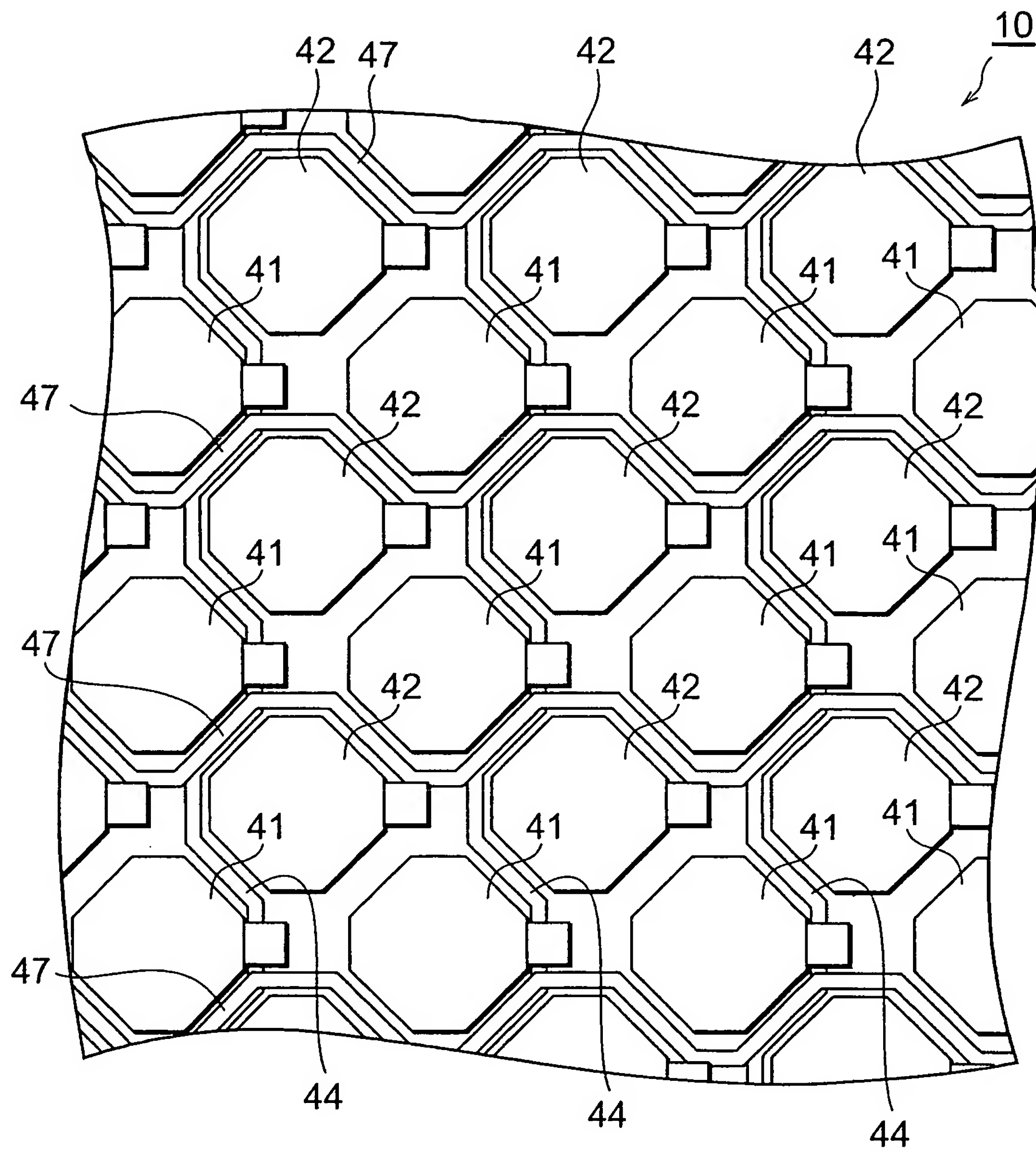


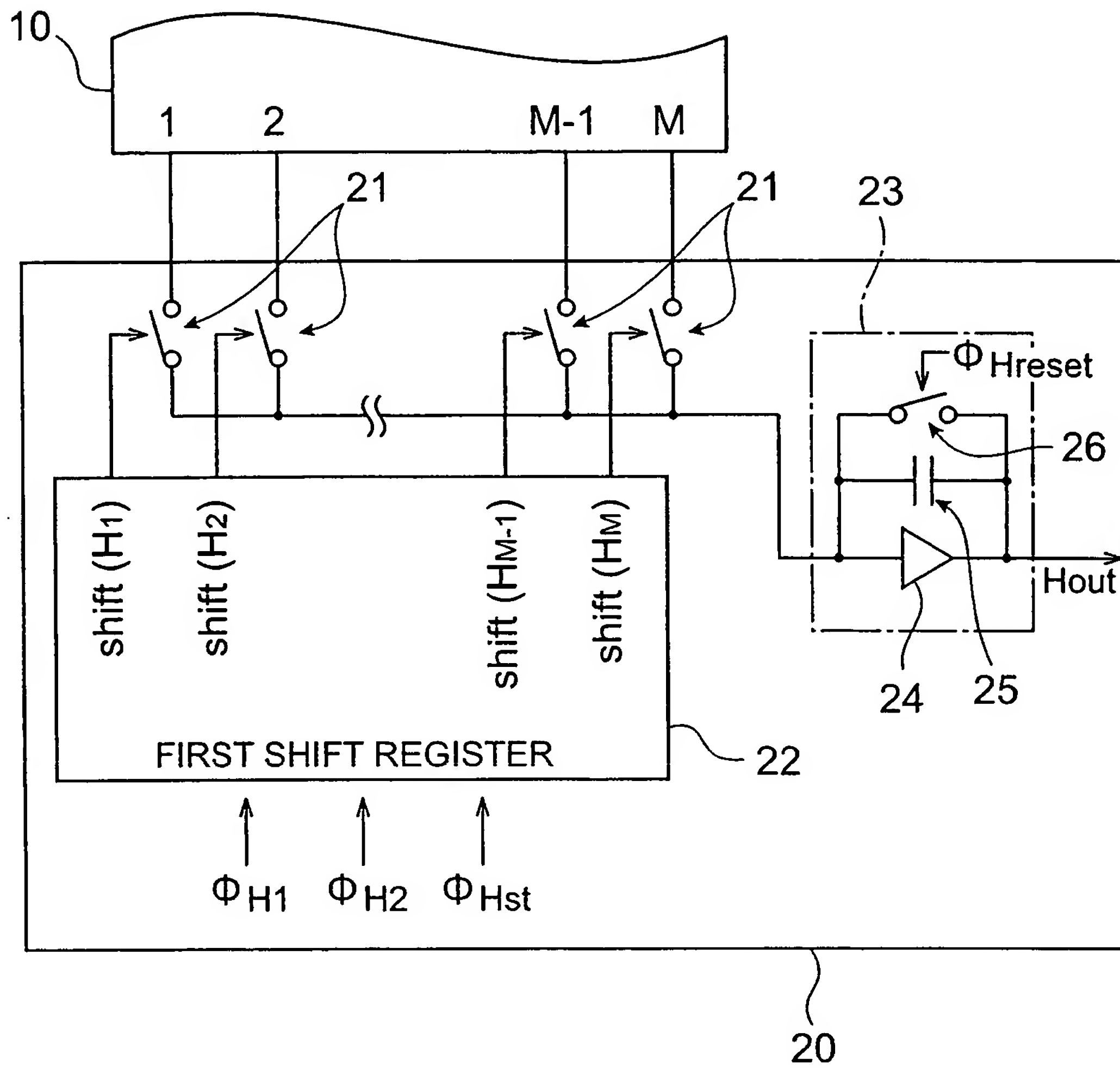
**Fig.10**

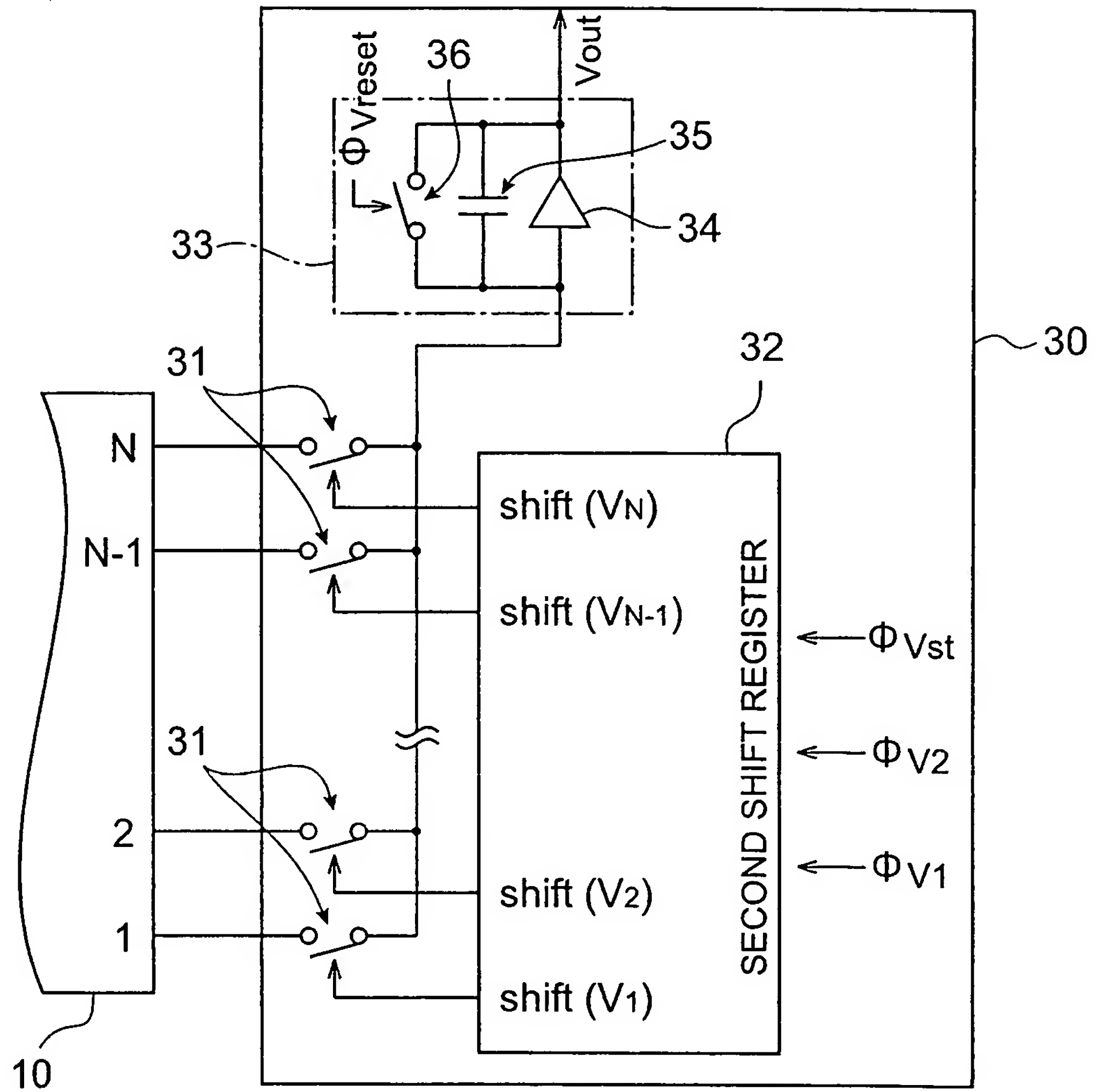


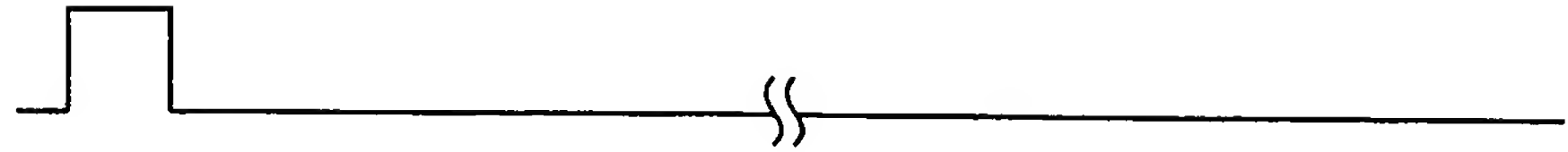
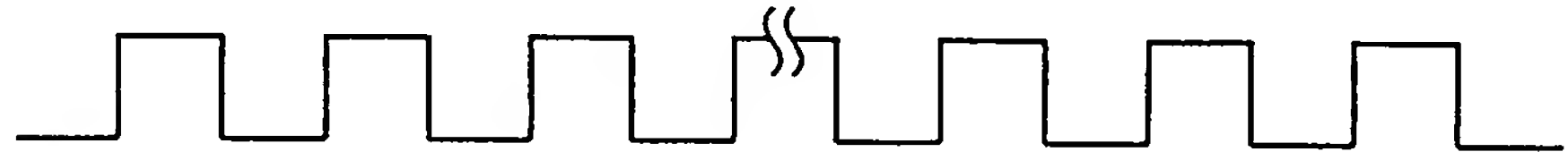
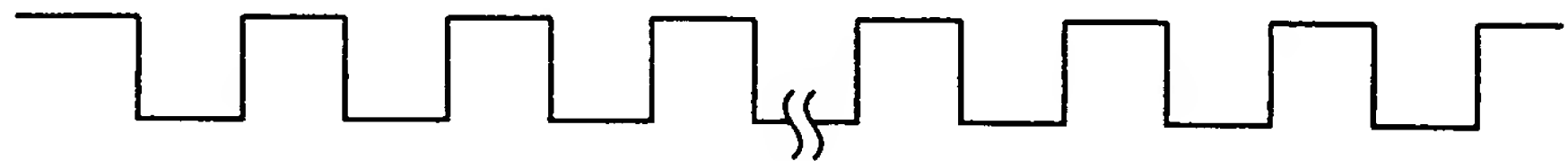
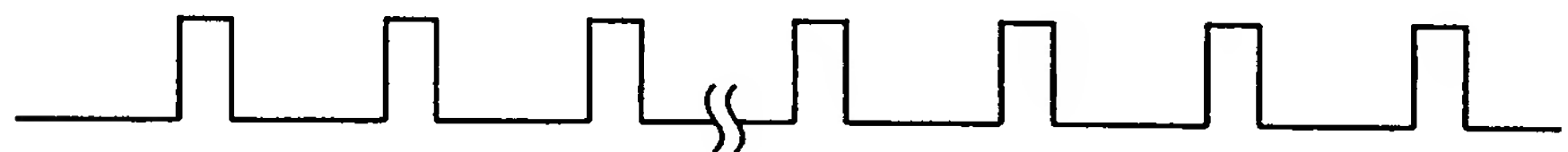
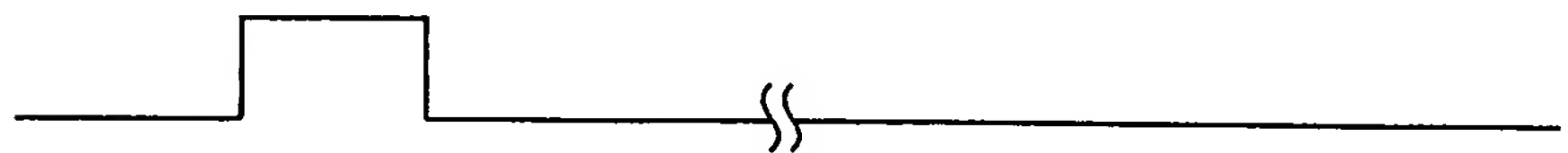
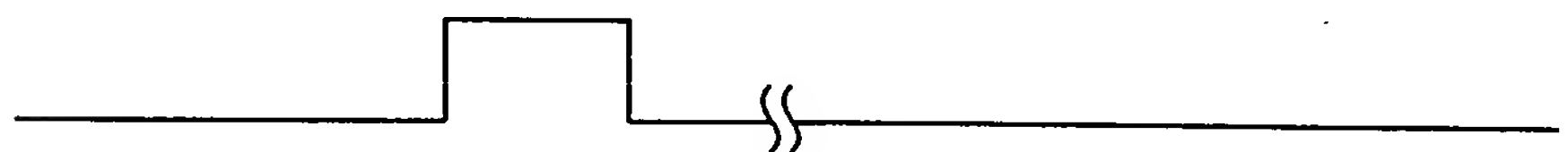
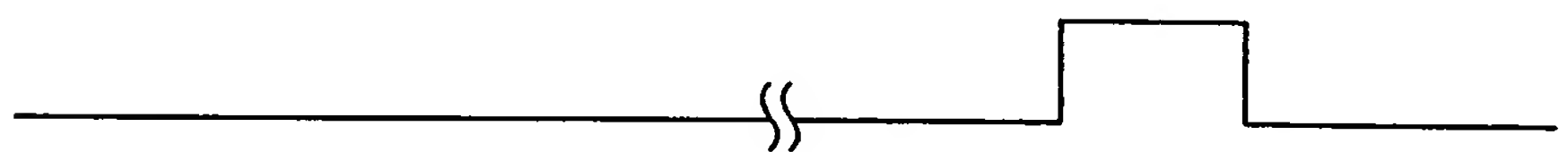


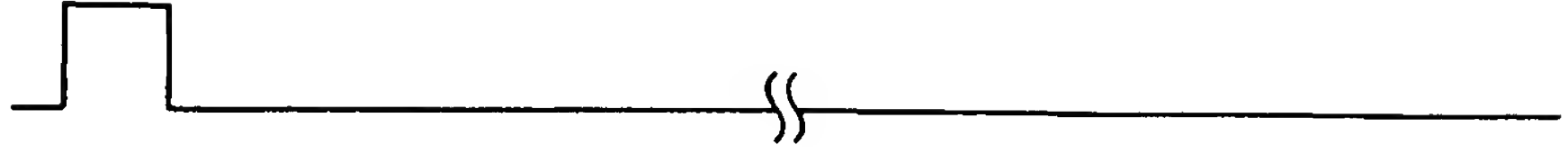
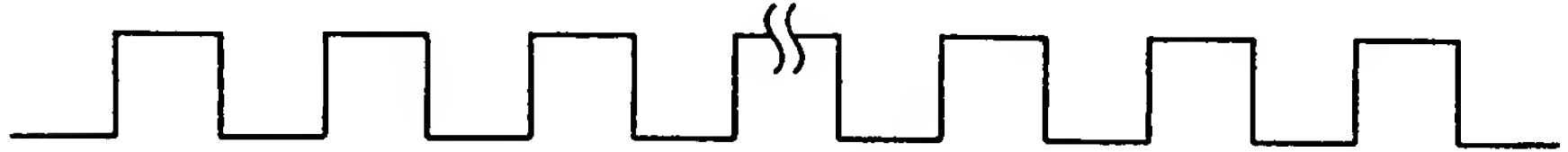
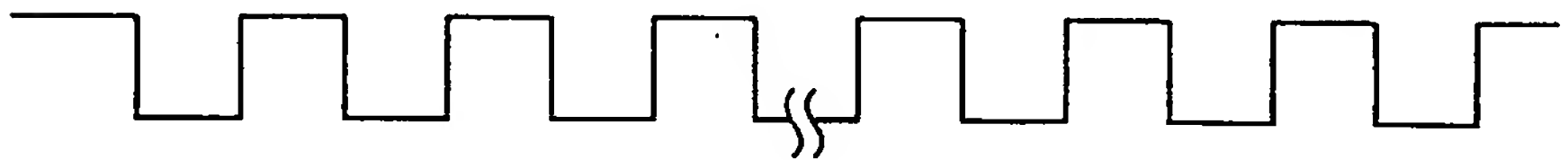
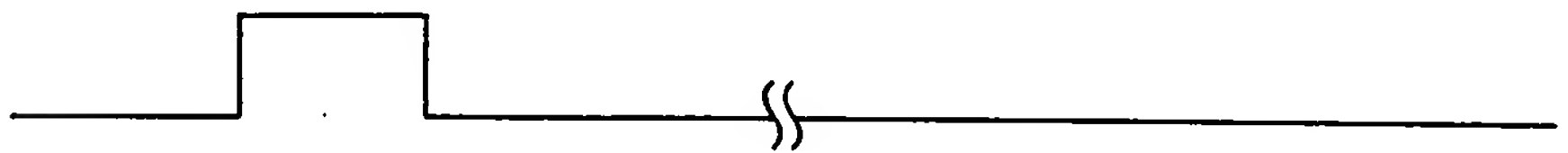
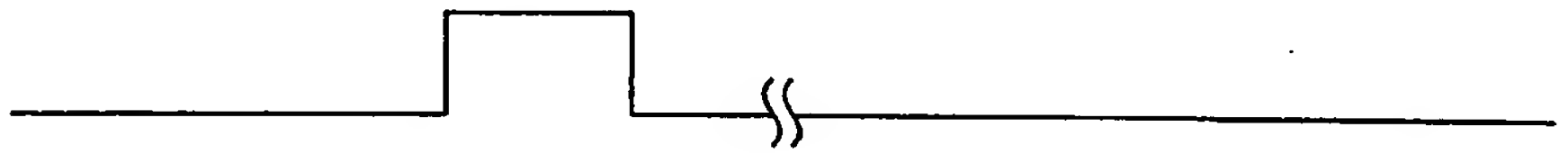
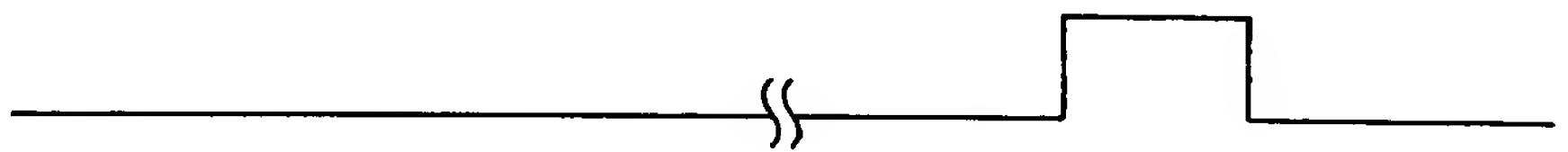
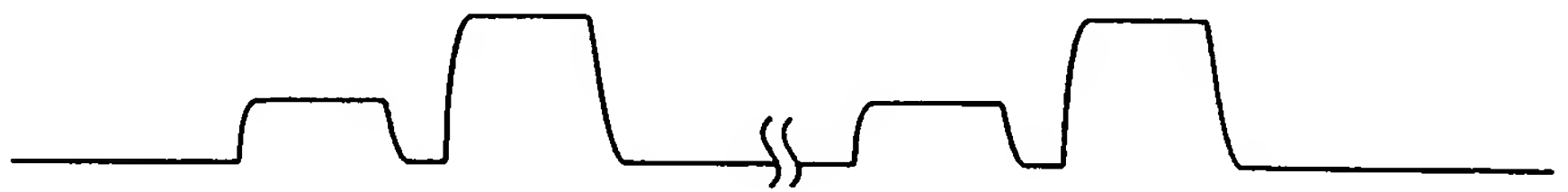
**Fig.12**



**Fig.13**

**Fig.14**

**Fig.15A** $\Phi_{Hst}$ **Fig.15B** $\Phi_{H1}$ **Fig.15C** $\Phi_{H2}$ **Fig.15D** $\Phi_{Hreset}$ **Fig.15E**shift(H<sub>1</sub>)**Fig.15F**shift(H<sub>2</sub>)**Fig.15G**shift(H<sub>M-1</sub>)**Fig.15H**shift(H<sub>M</sub>)**Fig.15I**H<sub>out</sub>

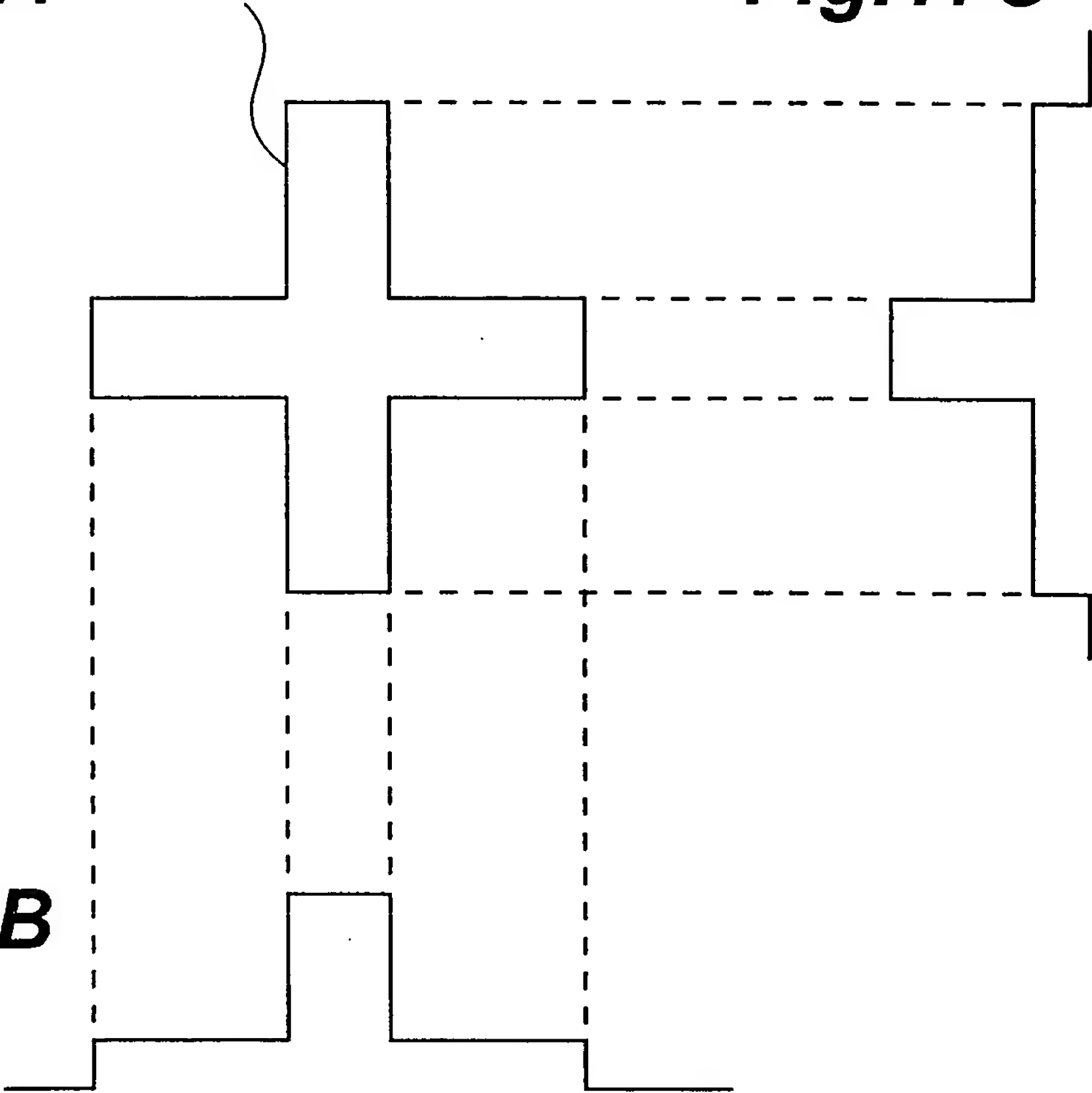
**Fig.16A** $\Phi_{Vst}$ **Fig.16B** $\Phi_{V1}$ **Fig.16C** $\Phi_{V2}$ **Fig.16D** $\Phi_{Vreset}$ **Fig.16E**shift( $V_1$ )**Fig.16F**shift( $V_2$ )**Fig.16G**shift( $V_{N-1}$ )**Fig.16H**shift( $V_N$ )**Fig.16I** $V_{out}$ 

**Fig.17A**

7(7Y,7M,7C,7K)

**Fig.17C**

**Fig.17B**





**Fig.18**